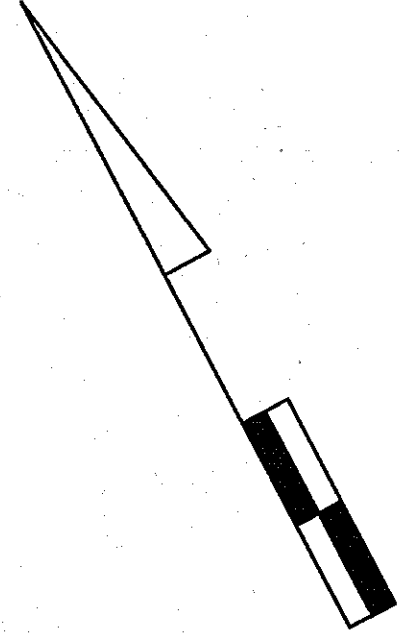


DRILL HOLE/DRILL HOLES

DRILL HOLE/DRILL HOLES

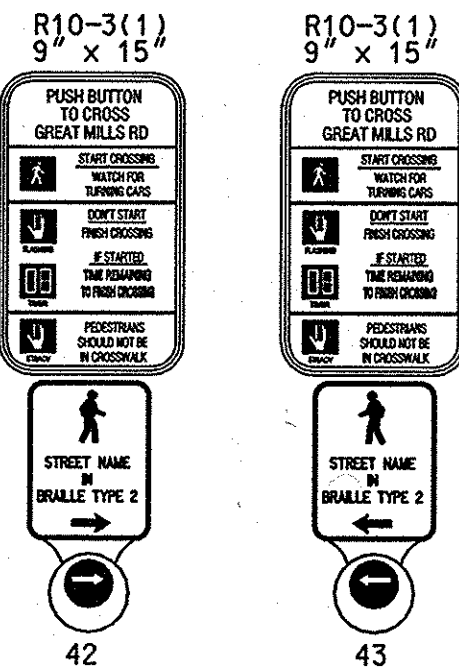
DRILL HOLE/DRILL HOLES

BORDER REV. DATE: JUNE 1, 2004



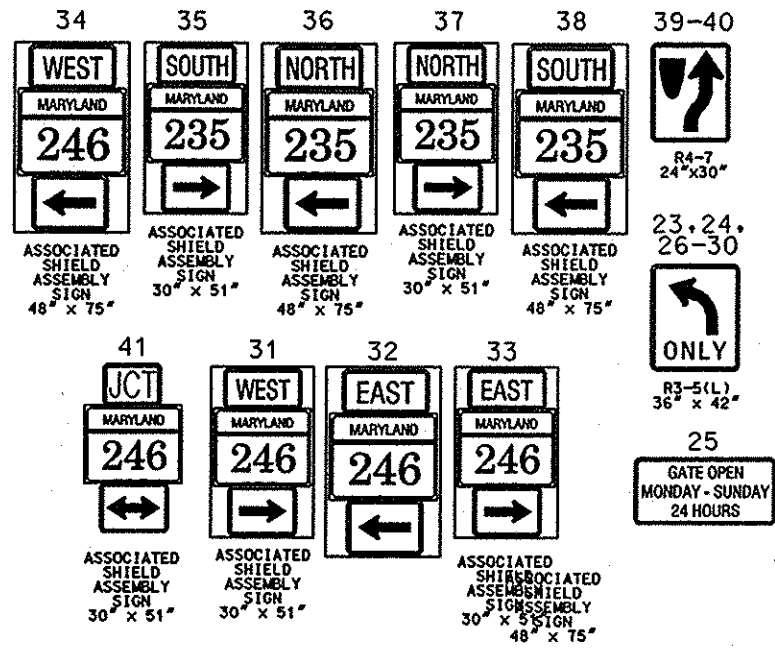
MD 235 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

PROPOSED SIGNS

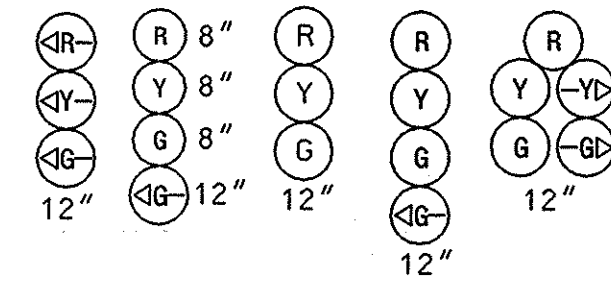


GREAT MILLS RD

SIGNS

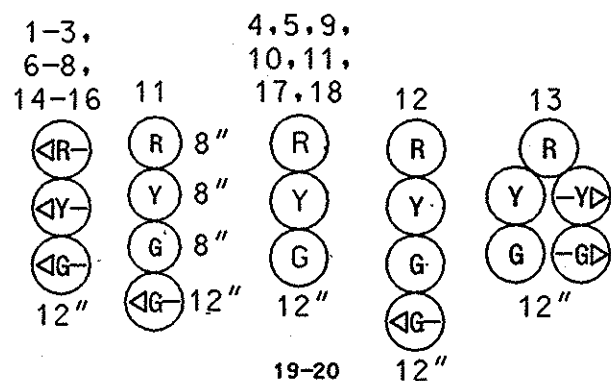


SIGNALS

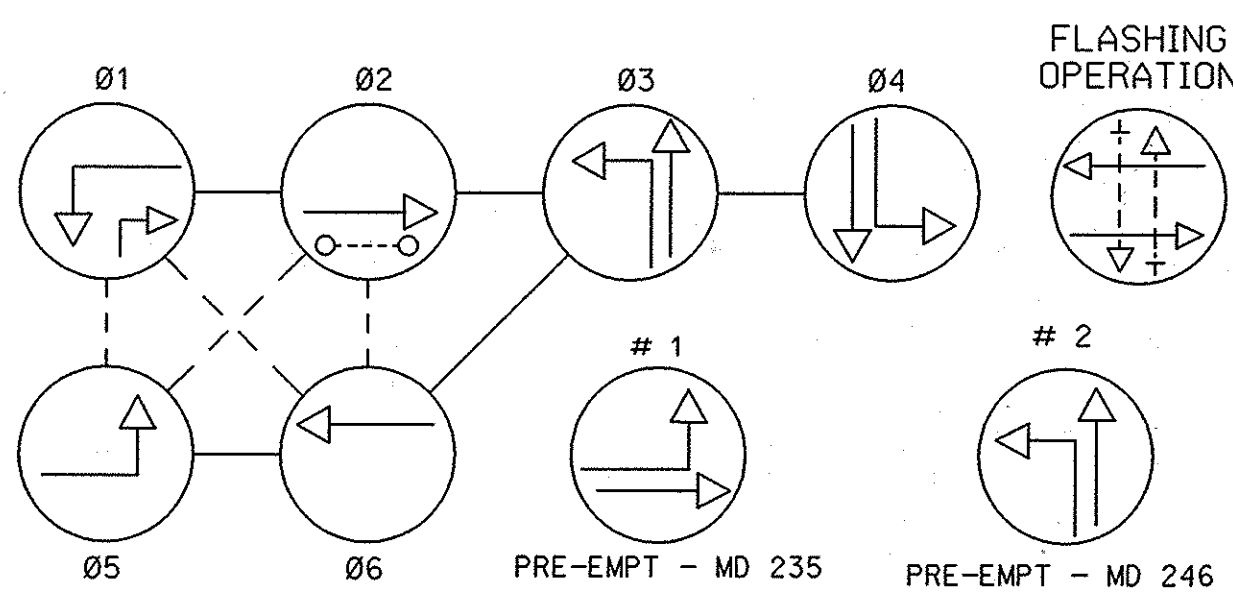


OPTICOM DETECTOR
VIDEO DETECTION CAMERA

PROPOSED SIGNALS



NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

MD 235 (THREE NOTCH ROAD)

MD 235 (THREE NOTCH ROAD)

CONSTRUCTION DETAILS

- Install 10' breakaway pedestal pole with countdown pedestrian signal heads, and APS pushbutton with pedestrian education sign (R10-3(1)). (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- Install detectable warning surface at existing ramp.
- Remove existing pedestrian signal head and existing pushbutton. Install countdown pedestrian signal head, APS pushbutton with Pedestrian education sign (R10-4(1)). Remove existing signal heads and replace with proposed LED signal heads.
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Use existing handhole.
- Use existing conduit.
- Use existing cabinet and controller. Remove existing pedestal pole and all signal equipment associated with this pole.
- Remove existing pedestrian signal head from signal pole.
- Remove existing signal heads and replace with proposed LED signal heads.
- Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install uninterruptible power supply (UPS) and all associated equipment in A NEMA size "5" cabinet.

GENERAL NOTES:

- All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
- All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- All pavement markings detailed are proposed and are to be installed in accordance with SHA standards. All crosswalks shall be centered on handicap ramps or median cut throughs.
- Poles are to be located so that they can be activated by a person in a wheelchair from a 60"x60" level landing area. A level landing area is an area with a cross slope of less than or equal to 2%.
- If the location of Accessible Pedestrian Signal Pushbuttons must be changed the contractor shall notify the Project Engineer to get approval for new location to ensure proper requirements of the MUTCD are still met. All work must be halted until the Project Engineer has obtained an approved location or if necessary a design waiver is obtained.
- Pushbutton is to be located so that a pedestrian in a wheelchair located on the level landing area, does not have to reach more than 18".
- The contractor shall remove all unused wiring.

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	---
ELECTRIC	---
TELEPHONE	---
GAS	---
SEWER	---
WATER	---
CABLE TV	---

APPROVALS		REVISIONS		TRAFFIC SIGNAL PLAN	
TEAM LEADER		SHA # AT9135185		SCALE 1"= 20'	
ASST. DIV. CHIEF		FJA		DATE 09-08-1977	
DIVISION CHIEF		SHA #SF-SIGNAL		CONTRACT NO. SM-670-501-585	
OFFICE DIRECTOR		SHA #SF-SIGNAL		DESIGNED BY Cecilia Alton	
		SHA #SF-SIGNAL		DRAWN BY Cecilia Alton	
		SHA #SF-SIGNAL		COUNTY ST. MARY'S	
		SHA #SF-SIGNAL		LOGMILE 18023511.00	
		SHA #SF-SIGNAL		CHECKED BY Dennis J. Duda	
		SHA #SF-SIGNAL		TIMS NO. 1971	
		SHA #SF-SIGNAL		F.A.P. NO.	
		SHA #SF-SIGNAL		TOD NO.	
		SHA #SF-SIGNAL		TS NO. 354G	
		SHA #SF-SIGNAL		DRAWING NO. 1 OF 2	
		SHA #SF-SIGNAL		SHEET NO. OF	

PLOTTED: MONDAY, FEBRUARY 11, 2008 AT 8:51:49 AM
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